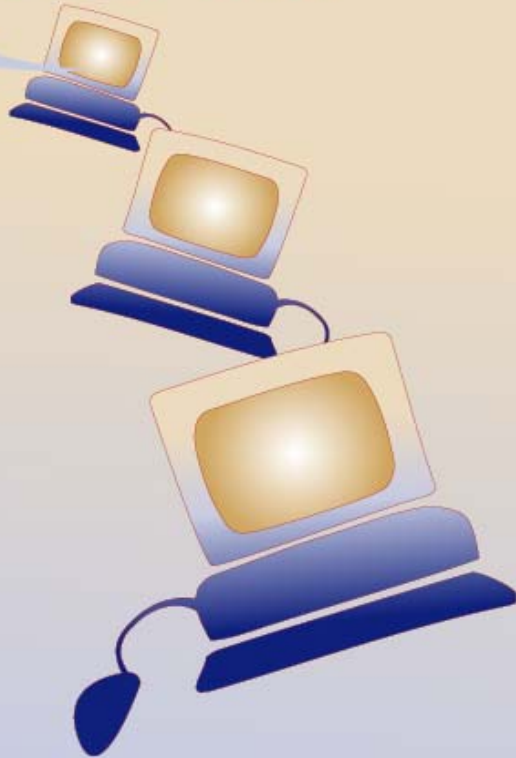**Medical Information Reporting for California**

The MIRCal of

Quality Data

Presenter:

Cheri Hummel

Office of Statewide Health Planning and Development (OSHPD)

The MIRCal of Quality Data

Log on to MIRCal and submit your inpatient data file to OSHPD

MIRCal processes your data:

Transmittal validation

License Check

Grouper

Edit Programs

TRANSMITTAL VALIDATION

- ✔ Virus infected files
- ✔ No data within the file
- ✔ Incorrect file format

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- ✔ Discrepancy in number of records
- ✔ "Invalid" discharge dates
- ✔ Incorrect facility ID number

File is rejected if it fails any of these validations and will NOT be processed further

LICENSE CHECK

Does report match licensing information?

- ✔ All licensed Types of Care reported
- ✔ ED Services- admits through your ED?

Data will NOT be processed further if they fail the license check

GROUPER

Grouper assigns the DRG and MDC

MIRCal
Edit Programs

Edit Programs

♦ Trend Edits

♦ Comparative Edits

♦ Ungroupable Records (DRG 470)

♦ Standard Edits

♦ Coding Edits

♦ Re-Admission Edits

♦ Exception Edits

TREND EDITS

- Compare current data reported against historical data (past two report periods)

- Check the percentage of increase or decrease in each data element category

- If the difference is significant, then data are rejected

- If the difference is verified, override is enabled

TREND EDITS

Example:

- Patient Disposition "Routine" is reported as 35%

- The historical percentage reported was 50%

- Difference of 15% (decrease)

Result:

- Data failed this edit

TREND EDITS

Trend Edits are identified by a T or TW Flag

- **T flag: Critical error-- data fails**
- **TW flag: Non-critical error (or warning flag) and will not fail**

Trend Edit Summary Report displays the data element categories that have T or TW flags

One or more T-Flags will cause the data to fail the Trend Edit Program

COMPARATIVE EDITS

- Affects current report period data only

- Edits both numbers and percentages reported in each data element category and compares against the total number of records reported

- Checks distribution of data within each of the data element categories

COMPARATIVE EDITS

- Edits range from 100% reported to 'No Data' reported in any one of the data element categories

- MIRCal edits 'Unknown' and 'Other' data element categories -- based on the number of discharges reported

COMPARATIVE EDITS

Examples of Comparative Edits:

        C015 100% of records reported with Patient Disposition as Against Medical Advice

        C022 No Principal Procedures Reported

COMPARATIVE EDITS

- Comparative Edits are identified by a C Flag

- The *Comparative Edit Summary Report* displays the C-Flags by data element category

- One or more C-Flags will cause the data to fail the Comparative Edit Program

UNGROUPABLE RECORDS

- Checks for records that grouped to DRG 470

- DRG 470's are identified by S Flags

Examples:

  - **S901 - Blank or Invalid Principal Diagnosis**
  - **S903 - Age is less than 0 or greater than 124 yrs old**

If your data fail this edit program, correction or verification would be necessary

STANDARD EDITS

Standard Edit Program checks for blank, invalid, or illogical data

Standard Edit errors are identified by S flags

- **S001 - Blank** (was the B flag)

- **S002 - Invalid** (was the * flag)

- **S018 - Duplicate ICD-9-CM Code** (was the T flag)

ETL: Data will fail the Standard Edit Program
if the percentage of records with S flags is greater than 2%

CODING EDITS

- Check for illogical combinations of ICD-9-CM Codes within a record

- Coding Edit Errors are identified by V flags

ETL: Data will fail the Coding Edit Program if the percentage of records with V flags is greater than 2%

CODING EDITS

NEW EDITS - EFFECTIVE 1/1/2001

- V0901 - Low birth weight status versus low birth weights

- V0902 - Post-term pregnancy between 40-42 weeks versus prolonged pregnancy greater than 42 weeks

CODING EDITS

DELETED EDITS - EFFECTIVE 1/1/2001

- V0175 - Ulceration and atherosclerosis of lower   extremities

- V0212 - Use of ICD-9-CM V10 code for secondary malignancies

CODING EDITS

"Inactive" Edits

- The same Coding Edits that were "turned off" for 2000 data will be "turned off" for 2001 data

- See the *Coding Edit Manual* for a list of these edits

RE-ADMISSION EDITS

Sorted by SSN, the Re-Admission Edit Program groups together all inpatient stays for the same patient

- **Checks for possible errors in patient demographics**
- **Checks for possible errors in transfers to/from different Types of Care.**

Re-Admission Edits are identified as K Flags

ETL: Data will fail the Re-Admission Edit Program if the percentage of records with K flags is greater than 2%

EXCEPTION EDITS

- Exception Edits are **Non-Critical**: Data will not be rejected if one or more exception edits are identified

- Exception Edits are identified by X-Flags

- *Exception Edit Summary Report* displays the X-flags found in your data

EXCEPTION EDITS

Examples:

- X010: No ZZZZZ (Homeless ZIP Codes reported)

- X003: No E-Codes reported on your Skilled Nursing Records

- X007: 50% or more of Place of Occurrence E-Codes reported as E849.9

Q. How will I know if my data passed the validation and edit programs?

A. Check Submission Status

Medical Information Reporting *for California*

`16:31:05`

Jan 01 2001 - Jun 30 2001   123456   The General Hospital   **Inpatient**

Main Menu

Facility
Change Facility
Change Data Type
Change Report Period
Verify Facility Info

General Status
Submission Status

Online Submission
Submit File

Web Entry
Manual Record Entry
Submit Records

Results
View Error Summary
View Error Reports

Correction
Make Corrections
Add Records
Search Records
Submit Corrections

SUBMISSION STATUS

Report Period: Jan 01 2001 - Jun 30 2001
Due Date: Feb 27 2002

Report Status: Data Rejected

Last Submission Mode	Test
Date of Last Submission	2/22/2002 15:41
User ID for Last Submission	lorraines
Number of Test Submissions	10
Number of Formal Submissions	0
Total Records	30
Number of Records with Errors	

To view all errors in your data, click on "View Error Summary" on Main Menu

To Submit a File, View Results (of a data submission), Make Corrections, or Verify Facility Information, click on the applicable link on the Main Menu.

SUBMISSION STATUS MESSAGES

BOTH TEST AND FORMAL SUBMISSION

Data Rejected ☹

Data failed ONE or MORE Edit Programs-- Errors are above the established ETL

TEST SUBMISSION

Errors are at or below the established Error Tolerance Level (ETL) - Submit as FORMAL

FORMAL SUBMISSION

Data Approved ☺

Data passed all Edit Programs

RESULTS

- Check the results of your submission in 24 hours

- All Error Summary and Detail Reports will be available through MIRCal

- At the **Main Menu** locate and select the **View Error Summary** option under **Results**

Planning for
California's Health Care Future

OSHPD
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

MIRCal
Medical Information Reporting *for California*

26
Februar
16:37:54

Jan 01 2001 - Jun 30 2001   123456   The General Hospital   aine   Inpatient

Main Menu

Facility
Change Facility
Change Data Type
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General Status
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Submit Records

Results
View Error Summary
View Error Reports

Correction
Make Corrections
Add Records

Main Error Summary for All Edit Programs

Facility Number	301140
Facility Name	Chapman Med Ctr-Lorraine
Report Period	Jan 01 2001 - Jun 30 2001
Number of Records	30
Submission Date	2/22/2002 15:41
Processed Date	2/22/2002 15:53
Submitted by	lorraines
Submission Mode	Test
Report Status	Data Rejected

Error Messages		**Number of records**
Transmittal Validation	Pass	

Error Messages

REPORTS

Review the Trend and Comparative Summary Reports first.

Facility
Change Facility
Change Data Type
Change Report Period
Verify Facility Info

General Status
Submission Status

Online Submission
Submit File

Web Entry
Manual Record Entry
Submit Records

Results
View Error Summary
View Error Reports

Correction
Make Corrections
Add Records
Search Records
Submit Corrections

User Information
Add Users
Modify Users
Assign Contacts

Error Reports and Corrections

Edit Program	Summary Report (Printable)	Detail Report (Printable)	Listing of Records for Correction
Trend Edits (T)	View	-------	Correct
Comparative Edits (C)	View	-------	Correct
Ungroupable Records (DRG 470)(S)	-------	View	-------
Standard Edits (S)	View	View	Correct
Coding Edits (V)	View	View	Correct
Re-admission Edits (K)	View	View	Correct
Exception Edits (X)	View	View	Correct
List of All Records Submitted	-------	-------	Correct
Custom Reports	Not Available	-------	-------
Informational Reports	-------	-------	-------
Data Distribution	View	-------	-------
MDC/DRG Grouper Statistics	View	-------	-------
Questionable DRG	-------	View	-------
E-Code	View	-------	-------

This grid displays all Error Summary Reports and Detail Reports and Informational Reports that are available for your review and/or correction. Click on the appropriate View to access the desired report. The Summary and Detail Reports may be printed.

The MIRCal of Quality Data

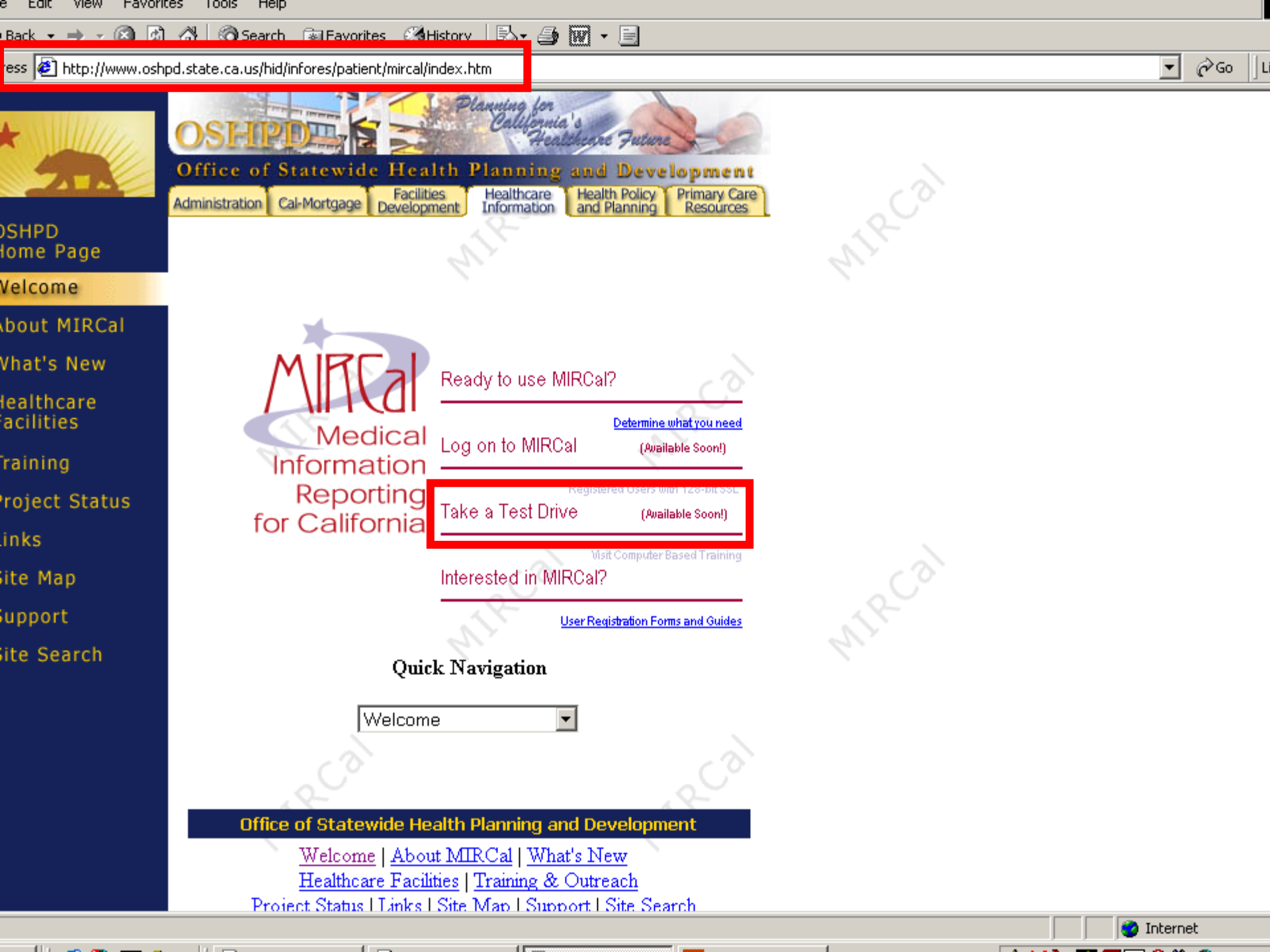**Error Analysis: OSHPD continues to look for better ways to improve data quality**

When will the CBT be available?

How do I access the CBT?

www.oshpd.state.ca.us/hid/infores/patient/mircal/index.htm

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MIRCal
Medical
Information
Reporting
for California

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Take a Test Drive   (Available Soon!)

Visit Computer Based Training

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